

NMP Guidelines for Technology
Provider Presentations

Technology Title

Name

Organization

Technology Description

- Overview of the technology including breakthrough nature of the technology
- Performance goals for technology in relation to technology requirements
- Future applications envelope for the technology
- Primary technology risks to be retired through flight validation
- Comparison of projected technology performance with current state-of-practice

Flight Validation Concept

- Describe concept for flight validation experiment and the validation objectives
- Define the platform accommodation requirements for the technology
 - Orbit (altitude, inclination)
 - Power:
 - Mass (kg):
 - Volume (cm):
 - Telemetry:
 - Diagnostics

Technology Maturity

- Describe current state of technology maturity (TRL)
- Define the scope of technology maturation activities required to produce subsystem for flight validation in the 2003 to 2005 timeframe (TRL 6)
- Estimate the cost range for providing technology for flight validation

Partnership Opportunities

- Characterize potential approaches/opportunities for partnering/cost sharing
 - Describe partnering opportunities for development activities
 - Describe partnering opportunity for access-to-space

Feedback

Provide summary comments on technology subsystem requirements

Confirm rationale for flight validation